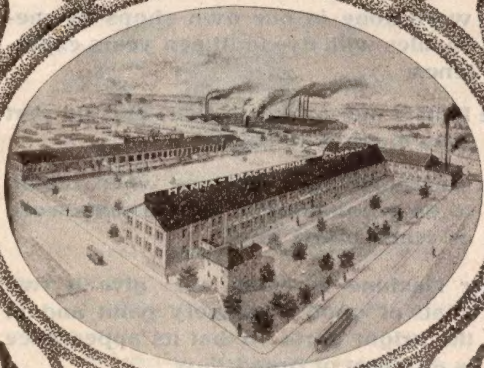


#5 m 11

# The H.B. & GUARANTEED MACHINERY LIST



The HANNA-BRACKENRIDGE CO.,  
FORT WAYNE, INDIANA

NOVEMBER 1911

# **REBUILT GUARANTEED MACHINES**

**Our Rebuilt Machines are—**

Stripped to the bare frame, every moveable part carefully refitted, worn parts replaced whenever necessary. Broken parts are welded—not patched.

All work done in our own shops by mechanics with five to fifteen years experience.

We **BUILD** our machines over, part by part from the ground up.

We **Guarantee** each machine when rebuilt to be in condition to do the same work as when brand new,

After Machine is rebuilt we give it two coats of good machinery paint and oil the bright parts so that its appearance is also that of Brand New.

Let Us Give You the “**PROOF**”

---

**THE HANNA-BRACKENRIDGE CO.,** FORT WAYNE,  
INDIANA



SHAD W. CULLOCK, Pres.  
J. B. CULLOCK, Vice Pres.  
W. H. POOLE, Cashier

H. J. TAYLOR, Asst. Cashier  
W. H. MYERS, Asst. Cashier

CAPITAL \$ 300,000.  
SURPLUS \$ 400,000.

*Fort Wayne, Ind.* - January 12, 1910.

TO WHOM IT MAY CONCERN:

For a great many years we have handled considerable business for the Hanna-Brackenridge Company of this City.

We have watched their wonderful growth with pleasure and pride, and we along with their other friends, feel that their progress is due, very greatly, to their policy of honesty and square dealing in business.

Yours very respectfully,

*J. M. Cullock*  
Vice President

FRED WENTZ, 1st Vice Pres.

CHARLES A. WIEFFER, 2nd Vice Pres.

SAMUEL M. FOSTER, President

HENRY C. BERNHOFF, Cashier  
GEORGE WALDSCHMIDT, Asst. Cashier

CAPITAL  
\$ 200,000 00



UNITED STATES  
DEPOSITARY

FORT WAYNE, IND 1/13/10

To Whom It May Concern:

This is to those who do not know the Hanna-Brackenridge Co.

If you knew them as well as we do, this letter could be unnecessary.

Our experience with them leads us to say that we believe any claims or representations made by them will be carried out to the letter, and that any business entrusted to them will be handled in a stanner thoroughly satisfactory to all concerned.

Yours truly,

*Frederick Wentz* Cashier



## THE HANNA-BRACKENRIDGE CO.

### Band Saws

- 2 38" Frank & Co. Iron Wheels, Wood Table.
- 1 36" J. A. Fay & Egan.
- 1 36" Street Bros. High Speed.
- 1 36" Buss No. 3 Band Saw, Iron Wheels.
- 1 36" Bentel & Margedant.
- 1 36" Chas E. Wright.
- 1 36" Sidney, Disc Wheel.
- 5 36" Sidney, Iron Wheels, Iron Tilting Table.
- 3 32" Sidney, Iron Wheels, Iron Tilting Table.
- 1 32" Crescent.
- 1 27" Sidney, Iron Wheels, Iron Tilting Table.
- 1 20" Sidney, Iron Wheels, Iron Tilting Table.

### Special

- 2 36" B. M. Root Co. Pattern "B", Steel Wheels, Brand New Machine. Price Each.....\$ 99.00
- 1 36" B. M. Root Co. Pattern "A", Especially Heavy Machine, Brand New. Price.....\$127.50

All machines complete as regularly furnished, including one saw blade, brazing clamp and tongs.

Large stock Wheels, Rubber Bands, Guides, Narrow Saw Blades, Etc.

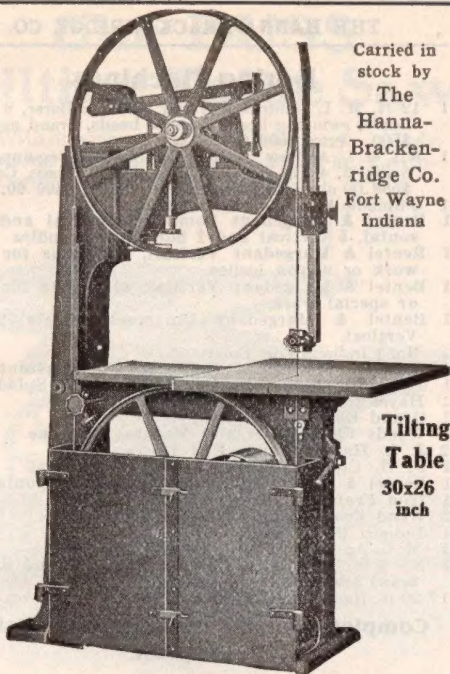
Resawing Attachments, Brazing and Saw Fitting Tools of all kinds.

### Bolters

- 1 No. 73 J. A. Fay & Egan Band Bolter or Short Log Mill, 42" Wheels, Friction Drive to Carriage.
- 1 Humphreys Band Bolter or Short Log Mill, 36" Wheels, 4 ft. Carriage.
- 1 No. 4 Smith Power Feed, Center Cut, 12-ft. Carriage, to carry 54" saw.
- 1 Power Feed Bolter or Flitch Mill, 10-ft. Carriage, furnished with 46" saw.
- 1 Power Feed Bolter, 8-ft. Carriage, Trackways 16-ft. has 32" saw.
- 1 Chattanooga Power Feed Bolter Iron Frame, 4-ft. Carriage, Inserted Saw.
- 1 B. T. & B. Friction Feed Self-Trip Bolter or Slat Mill, 8-ft. Carriage.
- 1 Power Feed Bolter, Iron Frame, 6-ft. Carriage.
- 3 Greenwood Stave, Heading and Shingle Bolters, first class condition.

**Can furnish machine to meet any requirement. Write us about yours,**

**FORT WAYNE; INDIANA**



Carried in  
stock by  
The  
Hanna-  
Bracken-  
ridge Co.  
Fort Wayne  
Indiana

**Tilting  
Table**  
30x26  
inch

## Street Heavy 36-inch Band Saw

Arranged to tilt for bevel work.

Wheels 36 in. in dia. covered with endless rubber band  
1-4 in. thick.

Wright patent Non-friction guides.

An improved tension device for upper wheel.

The lead of saw can be changed while running by single  
screw.

Bearings self-oiling.

\*Lower wheel protected by iron doors.

\*Saw dust spout attached.

### Street Bros. Machine Works

CHATTANOOGA, TENN.

**Be SURE to say you saw our ad in Guaranteed Machinery List.**

## THE HANNA-BRACKENRIDGE CO.

### Boring Machines

- 1 12 ft. M. L. Andrew Vertical Multiple Borer, 9 single heads, swinging head, 2 spiral heads, brand new, cost \$800. Price \$500.00.
- 1 8 ft. M. L. Andrew vertical Multiple Borer equipped with 3 Fig. 2, 4 Fig. 2 and 1 L. H. Fig. 9 Heads, Cost new \$558.00 absolutely brand new. Price, \$400.00.
- 1 3 Spindle M. L. Andrews, vertical.
- 1 Bentel & Margedant Combined Vertical and Horizontal, 5 vertical and 2 horizontal spindles.
- 1 Bentel & Margedant Vertical, 22-Spindle for piano work or wagon bodies.
- 1 Bentel & Margedant Vertical, 42-Spindle for piano or special work.
- 1 Bentel & Margedant Universal Single Spindle Vertical.
- 1 No. 1 Indiana Post Borer.
- 1 Bentel & Margedant Single Spindle Horizontal.
- 1 J. A. Fay & Co. Multiple Horizontal, 5-Spindle.
- 1 Hayes Stile & Rail for Dowel Doors.
- 1 Grand Rapids Sash Pulley.
- 1 Woods Floor Borer and Marking Machine.
- 2 J. L. Haven Double End Horizontal.
- 1 F. H. Clement Single Spindle Horizontal.
- 1 Bentel & Margedant Single Spindle Horizontal.
- 1 Iron Frame Single Spindle Horizontal.
- 2 Wood Frame Single Spindle Horizontal.
- 1 Indiana Post Borer
- 1 M. L. Andrews Single Spindle Vertical.
- 1 No. 4 Deffance Bobbin and Spool Borer and Reamer, brand new.
- 1 20 ft. Radial Flexible Borer.

**Complete detailed description furnished  
on request.**

### Bracket, Pin and Cross Arm Machinery

- 2 Chattanooga Combined Pin & Bracket Machines.
- 3 Chattanooga Standard Pin Machines.
- 2 Chattanooga No. 4 Pin Machines.
- 2 Chattanooga Pin Threaders.
- 1 Chattanooga Cross Arm Rounder.
- 1 Chattanooga Cross Arm Gang Borer.

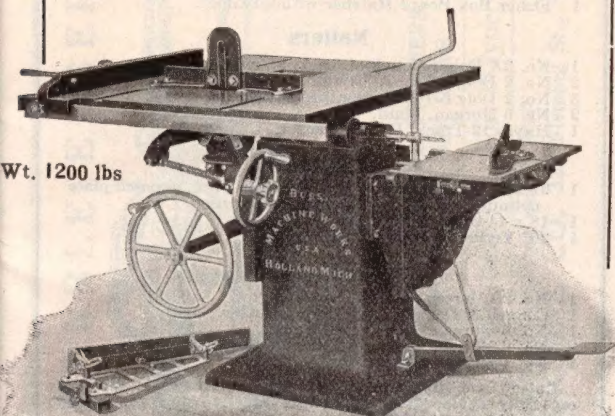
**Rebuilt and Guaranteed.**

**FORT WAYNE, INDIANA**



# The BUSS Tilting Table Saw

With or without Boring Attachment. Made so boring attachment may be added later without any machine work whatever.



Wt. 1200 lbs

For Rip or Cut-off Sawing, Dadoing, Grooving,  
etc. Takes saws up to 18"

***Heaviest and Best on the Market***

Let Us Tell You All About It.

The above machine is carried in stock by Hanna-Brackebridge Co., Fort Wayne Ind., and Chicago Wood-working Machinery Co., 162 N. Clinton St., Chicago.

**BUSS MACHINE WORKS**  
HOLLAND, MICH.

Be SURE to say you saw our ad in Guaranteed Machinery List

## THE HANNA-BRACKENRIDGE CO.

---

### Box Machinery

#### Matchers

- 1 Hobbs Box Board Matcher, with Gluer.
- 2 Morgan Box Board Matchers, with Gluer.
- 2 J. A. Fay Box Board Matchers, without Gluer.
- 1 Fisher Box Board Matcher without Gluer.

#### Nallers

- 1 No. 3A Doig 6-Track on back, 3 on side arm.
- 2 No. 2 Doig 6-Track, Straight Drive.
- 3 No. 2 Doig 6-Track, Slanting Drive.
- 2 No. 6 Morgan, Plain.
- 1 Hayes 12-Track, Double Feeder.

#### Printers

- 1 22 x 45 Hooper 2-color Printer Chain Feed, exposed plate cylinders, brand new machine never used.
- 1 18 x 44 Cross 1-Color Printer.
- 1 20" Yerkes & Finan 2-Color.

#### Miscellaneous

- 1 No. 20 Mereen-Johnson Squeezer.
- 1 Connell & Dengler Lock Corner Cutter.
- 1 No. 8 Morgan Lock Corner Cutter.
- 2 No. 2 Morgan Setting-up Machines.
- 1 No. 1 Morgan Set-up Machine.

Cut-off and Rip Saws to meet any requirement. We are especially equipped for furnishing exactly what you want in the Box Machinery line.

### Carvers

- One J. A. Fay Patent Carver & Edge Molding Machine.  
One Porter Bench Carver.  
One Holmes & Peterson 4-spindle Vertical Carver. Iron Frame, Wood Table 4' 8" x 5' 6".  
One Dodds 1-spindle Automatic Carving Machine; tables adjustable to any work up to 7" thick and movable 4' on planed ways, tables 15" x 5'.  
Two Morris Wood Improved Single arm Carvers.  
One Moore 4-spindle Carver.  
One Empire D. E. Carver.

We can furnish new equipment to meet your requirement, write us what you want.

---

FORT WAYNE, INDIANA



# IMPROVED DOUBLE EDGER

RELIABLE IN  
EVERY WAY

Well proportioned iron frame; simple, effective feed, power driven back and front, new shifting device, by which all strain of levers is taken from the collars; adjustable rods, permitting scant or full sizes to be made at will; attachment that insures



straight cutting. The best Edger built.

We Also Make a Specialty of **ROLLER BEARING BOARD TRIMMERS, LATH MILLS**  
and **BOLTERS**, and **SWING CUT-OFF SAWS**

Carried in Stock by **THE HANNA-BRACKENRIDGE CO., Fort Wayne, Ind.** For Immediate Shipment

Investigate our Claims if you want the BEST

**UNITED STATES MACHINE CO. 322 Fleming St., Williamsport, Pa.**

## Clamps

One Fay & Egan No. 135 Sash Clamp, brand new.  
One Doman Automatic Door Clamp, this machine is  
of the latest type, suitable for clamping doors up  
to 8' long and up to 4' wide, A BIG BARGAIN.

## Cut Off Saws

- 1 No. 2 J. A. Fay & Egan "Stiflers" Double Cut-off Saw,  
Power Feed, 7' long by 3½' wide.
- 1 Defiance Power Feed Double Cut-off Saw, capacity  
12" to 8 ft. long.
- 1 Buss Latest Type Double Cut-off Saw, capacity  
4 1-2 to 86" long, 4" thick, 60" wide.
- 1 B. M. Root Co. Double Cut-off Saw, capacity 6 to 80"  
long, 30" wide.
- 1 No. 1 American "Williamsport" Double Cut-off,  
capacity, 26" wide, 6 1-2 ft. long.
- 2 Buss Power Feed Double Cut-off Saws.  
Can make you special price on Double Cut-Off.
- 1 Hobbs Box Board Double Cut-off Saw.
- 1 J. A. Fay & Egan Auto Railway Cut-off Saw.
- 1 No. 2 Fischer Auto Railway Cut-off Saws.
- 1 American Railway Saw.
- 1 Lane & Bodley Railway Saw.
- 1 Wood Frame Railway Saw.
- 1 No. 102 Holmes "Lightning" Cut-off.
- 1 B. M. Root Roller Carriage Cut-off.
- 1 Buss New Swing Saw, Iron Frame.
- 2 Houston Swing Saws, 6-ft. arm.
- 1 Wood Frame Swing Saw.
- 1 8 ft. B. & M. Swing Saw.
- 1 6 ft. Cordesman Swing Saw.
- 12 No. 7 H.-B. Co. New. See page 52.
- 3 Egan Automatic Railway Cut-off Saws. Special bargains  
at \$60.00 each.

Cooperage Machinery all kinds see pages 44 and 46.

## REMEMBER:

If you don't see what you want,  
**WRITE US**  
We have it, or can get it.

FORT WAYNE, INDIANA

# Quick Action Cut-Off Saw



**H**OLMES LIGHTNING CUT-OFF SAW, saves time and money, as the slight pressure on the foot lever controls the saw, leaving both hands of the operator free to handle material.

If you wish to reduce your labor cost, write to

**E. & B. Holmes Machinery Co.**

**40 Chicago St.**

**Buffalo, New York**

**Agents: THE HANNA-BRACKENRIDGE CO., Fort Wayne, Ind.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**



## Carriage and Wagonmaking Machinery

### BODY

- 1 Bentel & Margedant 42-spindle Screw Driver.
- 1 Bentel & Margedant 21-spindle Borer.  
Above for piano, box buggy bodies.
- 1 Plug Machine.
- 3 Bentel & Margedant 34" Horizontal Disc Sanders.
- 1 Bow Bending Machine.

### SPOKE

- 1 Defiance 32" Spoke Lathe.
- 1 42" Defiance Spoke Lathe.
- 2 Defiance 18" Belt Sanders.
- 1 Egan 36" Spoke Lathe.
- 1 Egan Spoke Equalizer.
- 1 Gleason 48" Spoke Lathe.
- 1 Indiana 54" Spoke Squaring Band Saw.
- 1 Fay Tenoner & Miterer.
- 1 Bentel & Margedant Facer.
- 2 Defiance Spoke Bolters.
- 1 Bentel & Margedant Miter Saw.
- 2 Genesee Valley Spoke Sanders.
- 1 Buss Miter Saw.

### FELLOE

- 1 Defiance Felloe Saw.
- 1 Curtis Wood Frame Felloe Saw.

### HUB

- 1 Defiance Hub Roughing Machine.
- 1 Defiance Hydraulic Hub Press.
- 3 Moyer Hub Boxing Machines.
- 1 Fay Hub Mortiser.
- 1 Egan Wheel Boxing Machine.
- 1 B & M. Wheel Boxing Machine.
- 1 Monarch Hub Borer.

### AXLE

- 1 Hoyt Axle Lathe complete and guaranteed \$125.00

### SPECIAL

- 1 12" Defiance Rim, Felloe and Hound Bender with 110 straps, 11 forms, extra good condition.  
A special price on application.

We have just secured for resale, equipment of seventy wagon and wheel machines. Can offer in same condition as when plant shut down, or rebuilt and guaranteed. What do you need in this line?

FORT WAYNE, INDIANA

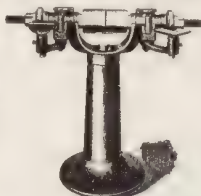
# CROWN GRINDERS



No. 16—Double End Bench  
Grinder for 10"x1½" wheels.  
Arbor ¾"—between collars ¾"  
—Pulley 3x2½" **Net \$6.00**  
—Wt. 35 lb

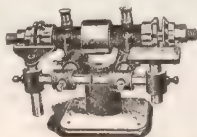


No. 4—Heavy Bench Grinder  
for 12 to 16"x2½" wheels. Ar-  
bor 1 ⅞"—between Collars 1½"  
—Pulley 4x5½" **Net \$9.50**  
—Wt. 80 lbs.



The No. I-5 is a  
moderate priced  
double-end Floor  
Grinder for 12" to  
14" wheels.

Arbor 1½"—be-  
tween Collars 1½"  
—Weight 150 lbs  
**Net \$12.50**



No. 2—Standard Grinder for  
10"x1" wheels. Arbor ⅞"—be-  
tween Collars ¾"—Pulley 2½x2  
—Weight 25 **Net \$5 00**  
lbs. ....



No. 9—Single-end Bench  
Grinder for 10" and 12" saw.  
gumming wheels. Arbor ⅞"—  
between wheels ¾"—Pulley  
4x3—Weight **Net \$3.25**  
25 lbs. ....

## Countershaft Extra.

We carry in stock over thirty different sizes and styles of this  
line of Grinding Machinery; also Buffers, Countershafts, Saw  
Mandrels, Saw Sharpeners and Wheels.

CATALOG FOR THE ASKING

**The Hanna-Brackenridge Co.**  
Fort Wayne, Indiana

## **THE HANNA-BRACKENRIDGE CO.**

### **DADO MACHINES**

- 1 Superior Machine Works Dado Machine; Wood Frame.
- 1 Buss Heavy Iron Frame Dado Machine and Equalizer.
- 1 Iron Frame, 6-Head Dado and Equalizer.

### **DOVETAILERS**

- 1 12-Spindle Advance New Friction Driven Dovetailer.
- 2 Dodds Table Leg Dovetailers.
- 1 Dodds 9-Spindle Gang Dovetailing Machine; belt driven.
- 1 Dodds 12-Spindle Gang Dovetailer; belt driven.
- 1 Dodds 15-Spindle Gang Dovetailer; belt driven.
- 1 Knapp Automatic Dovetailer; for making pin dovetail.
- 1 Fay & Egan 15-Spindle Gang Dovetailer.

### **DRAG SAWS**

- 2 No. 5 Battle Creek.
- 1 Trevor Drag Saw, with saw.
- 1 Hill Direct-action Steam Drag Saw Machine; 6" x 36".
- 1 Perkins "Champion" with power Log Dog and Elevator.

### **DRY KILNS**

- 1 70 x 14 ft. National Complete.
- 1 21 x 40 ft. Steam Dry Kiln complete with Trucks and Track.
- 4 Sturtevant "Common Sense" Hot Blast Outfits, including Fans, direct connected engine and belt driven, and radiators with 1500 to 3000 ft. pipe.
- 1 American Hot Blast, 84" Fan and 3200 ft. 1" pipe.

### **DYNAMOS**

- 1 30 KW. Commercial D. C.
- 1 30 KW. "Woods" D. C. with Switchboard.

### **EDGERS**

- 1 84" Diamond Iron Works, Extra Heavy Edger.
- 2 Hoyt American 30" Gang Edger & Ripper; for ripping stock for hard wood flooring; 7 saws.
- 2 Sinker-Davis 16' Side Edgers. 1 Power, 1 Hand Feed.
- 1 16' Wood Frame, Hand Feed, Side Edger.
- 1 30" American 3-Saw Edger.
- 1 32" Tower 3-Saw.
- 1 26" United States, brand new.
- 1 No. 0 Wheland 32".
- 1 32" So. Eng. and Boiler Works.

### **EMBOSSING MACHINERY**

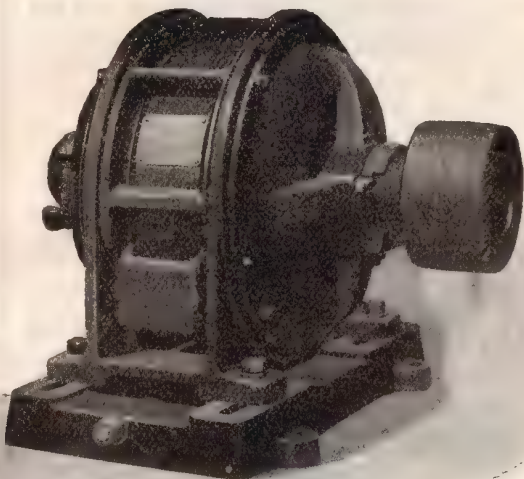
- 1 Embossing Machine; iron table 49" x 22", shaft to carry head 22" x 1 $\frac{3}{4}$ ".
- 1 Wood Frame Embossing Machine; heads  $\frac{3}{8}$ ",  $\frac{5}{8}$ ", 1", 1 $\frac{1}{2}$ ", 2", 2 $\frac{1}{2}$ " and 2 $\frac{3}{4}$ ".

---

**FORT WAYNE, INDIANA**



# Fort Wayne Electric Motors



## ALLOW YOU

To operate each machine or group of machines at just the correct speed and use only as much power as you actually need--you don't waste 35 per cent. to 50 per cent. on useless, dangerous belts, shafting, pulleys, idlers, etc.

There are a dozen more reasons why motors are superior to any other method of driving woodworking machinery and our Bulletins give the reason why Fort Wayne Motors are particularly suited for this purpose. Send for them to day and learn what you can save by installing them in your plant

**FORT WAYNE ELECTRIC WORKS**

**"Wood" Systems**

**FORT WAYNE, INDIANA**

Be SURE to say you saw our ad in Guaranteed Machinery List

## THE HANNA-BRACKENRIDGE CO.

### Filing Room and Grinding Machinery.

- 1 No. 115 Covell Band Saw Sharpener, with back feed and post brackets, Saws 4 to 10" wide.
- 1 No. 66 Covell Band Resaw Sharpener, for Saws 2 to 6" wide.
- 1 No. 35 Covell Auto Circular Saw Sharpener.
- 1 No. 46 Covell Circular Saw Sharpener.
- 1 72" Perkins Saw Sharpener.
- 2 No. 78 Covell Saw Stretchers.
- 1 14" Covell Brazing Forge.
- 1 No. 31 Covell Filing Clamp.
- 2 Covell Brazing Clamps.
- 1 36" Berlin Filing Clamp.
- Crowell, Covell, Hanchet and other Swages, Shapers, Etc.
- 1 120" B. T. & B. Automatic Knife Grinder.
- 1 60" Automatic Knife Grinder.
- 1 38" Automatic Knife Grinder.
- 1 32" Buffalo Automatic Knife Grinder.
- 1 32" J. A. Fay & Egan Automatic Knife Grinder.
- 1 24" Woods Knife Grinder.

Grindstones and Emery Stands, all sizes and styles to meet any requirement.

Also large Stock of Hammers, Swages, Etc.

### Fans

Exhaust Fans for Planing Mill Work we have in all sizes 18" to 72". Single and Double. \$1.00 per inch diam. rebuilt.

### Glue Machinery

- 1 30" Towsley No. 2 Spreader.
- 1 24" Towsley Stipling Machine.
- 1 12" Advance "Wetmore" Spreader.
- 1 No. 1 Snowden Glue Press.

**SPECIAL PRICES TO MOVE QUICK.**

### Excelsior Machinery

Complete outfit of Indianapolis Excelsior Machine cutter, press and cut-off. Cost \$1200.00. Price \$600.00.  
Fisher & Davis Double Cutting Excelsior Machine.

H-B Co's. HOLLOW BLAST GRATES will give you more steam, save fuel and pay for themselves every 30 days. Write for particulars and prices. See pages 48 and 49.

**FORT WAYNE, INDIANA**

# Two Buffalo Machines

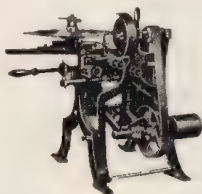
New  
Type  
"A"



Spring  
Cross  
Feed

**The Buffalo Automatic Knife Grinder**  
built for 26 inch to 54 inch knives. Will  
grind flat or concave bevel. Furnished  
with or without water attachments.

For Saws  
6 to 72 inch  
diameter



Entirely  
Automatic  
for Rip Saws

## --- The --- Buffalo Circular Saw Sharpener

FOR RIP AND CUT-OFF SAWS.

LET US TELL YOU ABOUT THEM

**Samuel C. Rogers & Co.**

**BUFFALO, N. Y.**

Be SURE to say you saw our ad in Guaranteed Machinery List



## THE HANNA-BRACKENRIDGE CO

### "D" Handle Machinery

Complete outfit of Defiance "D" Handle Machinery, including Mortiser, No. 1 and No. 2 Shapers, and No. 3 Shaper and Finisher. Brand new and a price that's right.

### Jig or Scroll Saws

- 1 H. B. Smith, No. 315.
- 3 Walker Jig Saws.
- 2 Beach No. 4 Improved.
- 2 J. A. Fay Scroll Saws.
- 1 J. A. Fay Jig Saw.
- 1 Jig Saw, wood tilting table.
- 1 Iron Frame Jig Saw.
- 1 Cordesman.

Price, \$30.00 each.

IS THIS LOW ENOUGH?

### Jointers or Buzz Planers

- 1 30" Buss Late Improved
- 1 24" Bentel & Margedant. "Good Luck."
- 1 24" Connell & Dengler.
- 1 24" Bentel & Margedant, Short Table.
- 1 24" Buss, brand new.
- 1 24" Sidney, brand new.
- 1 20" Buss, brand new.
- 1 20" Sidney, Late Improved.
- 1 16" Buss, Late Improved.
- 1 16" J. A. Fay & Co.
- 1 16" Clement.
- 1 12" Sidney, brand new.
- 1 12" Defiance.
- 1 12" Porter.
- 1 12" American "Clement."
- 1 8" Rowley & Hermance.
- 1 8" Sidney, brand new.
- 1 8" Silver, brand new.

COMPLETE WITH KNIVES AND COUNTERSHAFT

### Jointers Glue

- 1 Falls Continuous Feed, 8' 6".
- 1 No. 214 Berlin, 8' 6".
- 1 No. 212 Berlin, 6' 6".
- 1 J. A. Fay & Egan, 6' 6".
- 1 Porter, 6' 6".
- 1 Buss, 10 ft.
- 1 Buss, 6' 6".

ASK THE PRICE

FORT WAYNE, IND.

# BUSS Hand Jointers



Four Sizes:  
16" 20" 24" 30"

Square or Circular  
Heads

HIGHEST GRADE  
JOINTERS ON THE  
MARKET

Carried in stock by The  
Hanna-Brackenridge Co.,  
Fort Wayne, Ind., and  
Chicago Woodworking  
Machinery Co., 162 N.  
Clinton St., Chicago.

Write for  
Prices.

**Buss Machine Works,**  
HOLLAND, MICH.

Be SURE to say you saw our ad in Guaranteed Machinery List

## THE HANNA-BRACKENRIDGE CO.

---

### Lathes

- 1 No. 8 American Clement Back Knife.
  - 1 46" Peterlin Back Knife.
  - 1 52" J. A. Fay & Egan Back Knife.
  - 1 No. 1 Egan Automatic Gauge.
  - 1 48" Defiance Variety Lathe.
  - 1 No. 0 Defiance Copying.
  - 1 3" Pringle & Brodie Combination.
  - 1 Pringle & Brodie Variety.
  - 2 Weymouth Variety.
  - 1 Hudson Auto Handle.
  - 1 Whittle Auto Handle.
  - 2 No. 10 Ober Auto Handle.
  - 1 No. 2 Ober 36" Auto.
  - 1 No. 2 Ober 22" Auto.
  - 1 Merritt Table Leg Machine.
  - 1 No. 6 Mattison Universal.
  - 1 14" Dennis Hand for Hubs.
  - 2 16" Wood Lathes.
  - 3 18" Wood Lathes.
  - 1 Prylbi Twist Machine for turning rope moulding and spindles of every design.
- Tell us what you want and the Machine preferred or what you want to turn.

For Spoke Lathes See  
"CARRIAGE AND WAGON MACHINERY."

### Machine Tools

Ask for our H.-B. Co. Machine Tool List, listing forty Engine Lathes and numerous other Tools.

### Mortisers

- 1 No. 156 B. & M. Upright, with Borer.
- 1 Cordesman-Egan with Borer.
- 1 Rogers Upright, Compound Table.
- 1 Colloday Upright, Tilting Table.
- 1 H. B. Smith Upright, Tilting Table.
- 1 Ball & Williams Tilting Table.
- 1 No. 2 Houston Upright
- 1 No. 6 Greenlee Hollow Chisel.
- 1 J. A. Fay & Egan Hollow Chisel.

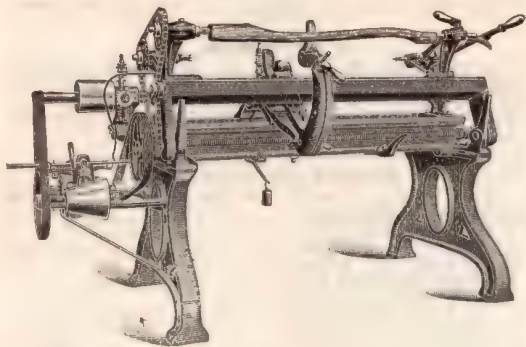
### Do You Use Steam Power?

If so, our hollow blast grates should interest you.  
See page 48. Write us.

---

FORT WAYNE, INDIANA





**THIS** cut shows the No. 1 LATHE for turning Axe, Adz, Pick, Sledge, Hammer and Hatchet Handles, Spokes, Whiffletrees, Gun Stocks, Lasts and other irregular work.

**Simple, Strong, Durable, Economical.**

We also manufacture other lathes for making Spokes, Handles and Variety Work, Sanders, Shapers, Boring and Chucking Machines, etc., etc.

---

*Complete Catalogue and Price List Free*

---

**THE OBER MFG. CO.**

20 Bell Street

Chagrin Falls, Ohio, U. S. A.

**Be SURE to Say You Saw Our Ad. in Guaranteed Machinery List**

## THE HANNA-BRACKENRIDGE CO.

### Molders

No more attractive stock of Moulders can be found. Let us give you full description and price. All are fully guaranteed and some of them are brand new.

#### REBUILT AND GUARANTEED

Each Machine Complete with countershaft and one set of knives for each head.

- 1 10" American Inside.
- 1 8" S. A. Woods Inside.
- 1 14" 4-side Fay & Egan No. 5.
- 1 10" 4-side Hall & Brown.
- 1 10" 4-side H. B. Smith.
- 1 10" 4-side Houston No. 5.
- 1 9" 4-Side Colloday.
- 1 9" 4-side H. B. Smith.
- 1 9" 4-side J. A. Fay & Egan.
- 1 8" 4-side New Hermance "Wide open."
- 3 8" 4-side H. B. Smith.
- 1 7" 4-side Egan.
- 1 6" 4-side J. O. Colloday.
- 1 6" 4-side Rowley & Hermance.
- 1 6" 4-side J. A. Fay & Co.
- 1 4" 4-side Houston.
- 1 7" 3-side R. Ball & Co.
- 1 6" 3-side Houston.
- 1 6" 2-side McNish & Butler.
- 1 4" 1-side L. Power & Co.
- 1 6" 1-side Fay & Egan Sticker.
- 1 6" 1-side H. B. Smith Sticker.
- 1 4" 1-side Houston Sticker.

### Motors

- 1 2 H.P. General Electric D. C.
- 1 5 H.P. Hobart D. C.
- 1 5 H.P. Gregory D. C.
- 2 10 H.P. General Electric A. C.
- 1 15 H.P. General Electric A. C.
- 1 20 H.P. General Electric A. C.

### Panel Raisers

- 1 Williamsport Panel Raiser, hand Feed.
- 1 J. A. Fay Panel Raising Machine.
- 1 Levi Houston Power Feed Panel Raiser.
- 2 H. B. Smith Power Feed Panel Raisers.
- 1 Elliott & Stutzman.

**FORT WAYNE, INDIANA**

# All Electrical Equipment Kinds

Through our arrangement with and under the management of Mr. V. M. Nussbaum connected with the Fort Wayne Electric Works for past several years.

We are now prepared to take care of your ever requirement in the Electrical line.

---

## EVERYTHING ELECTRICAL

IS OUR SPECIALTY

NOT A SIDE LINE

---

## NEW AND REBUILT

---

Write us about what you want or what you have  
for sale

---

**The Hanna-Brackenridge Co.**

## Planers and Matchers

### 3-SIDE.

- 1 24x 6 J. A. Fay & Egan.
- 1 24x6 Egan No. 3, Cost new \$775.00, like new.
- 1 24x 6 Josiah Ross "Monitor."
- 1 24x 6 Happy Thought.
- 1 25x 6 Indiana No. 1 Clipper.
- 1 25x 6 Indiana IXL.
- 1 24x 6 McIver.
- 1 24x 4 Ball & Williams.
- 1 20x 6 Economist.
- 1 18x 5 Little Giant.

### 4-SIDE.

- 1 30x14 "Boss" American No. 2 Timber Sizer.
- 1 30x 6 J. A. Fay & Co., Heavy Fast Feed, 6-Roll.
- 1 30x6 S. A. Woods, 6-Roll.
- 1 28x6 Goodell & Watters, 6-Roll.
- 1 24x 6 Berlin, Heavy 6-Roll.
- 1 24x 6 Egan, C-Roll.
- 1 15x 6 Berlin No. 44, 6-Roll.
- 1 15x6 Berlin No. 3.
- 1 15x 6 J. A. Fay & Co., Duplex.
- 1 15x 6 S. A. Woods No. 27.
- 1 14x 6 Hoyt No. 19, 6-Roll.
- 1 14x 3 Goodell & Watters, Keystone.
- 1 14x 4 E. & B. Holmes "Atlanta."
- 1 9x 6 J. A. Fay & Co. No. 8.
- 1 7x 4 Hoyt No. 18.
- 1 7x 4 Berlin No. 88.
- 2 24x 6 Egan No. 3, 4-Roll.
- 1 24x 5 1-2 Josiah Ross, 4-Roll.
- 1 25x 6 Indiana No. 2 1-2 Clipper.

## Double Surfacers

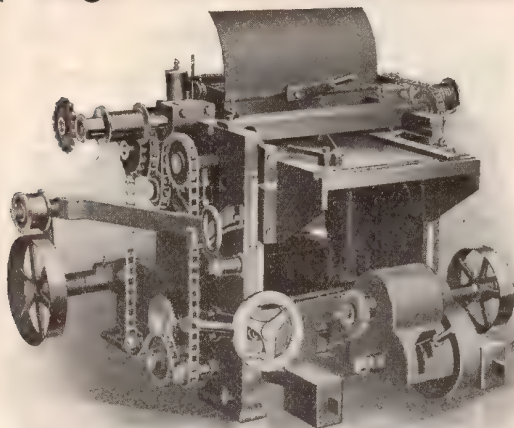
- 2 30x12 American Rogers, 8-Roll.
- 1 30x10" S. A. Woods No. 55.
- 1 30x8 American Globe "Money Maker".
- 1 30x 8 J. A. Fay & Egan, No. 18.
- 1 30x 8 J. A. Fay & Co., 6-Roll.
- 1 30x 6 J. A. Fay & Co., 4-Roll.
- 1 30x 6 Hoyt No. 8 1-2.
- 1 28x 6 Prybil.
- 1 28x12 Preble Endless Bed.
- 1 26x 8 Jno. A. Graham.
- 1 26x 6 Hoyt No. 2 Endless Bed.
- 1 27x 6 Frank H. Clement.
- 1 20x 4 Whitney.
- 1 20x 4 Abbott.

Ask for prices and full description.

FORT WAYNE, INDIANA



# Single Surfacers and Matcher



**THE HANNA-BRACKENRIDGE CO.**

Recommend and carry this machine in stock

Will plane 24 inches wide and 8 inches thick

Diameter of feed rolls  $3\frac{1}{2}$  inches

Diameter of cylinder journal  $1\frac{1}{8}$  inches

Boxes self-oiling

Feed rolls driven by chain belting

Speed boxes on front of machine cause 3 or  
6 changes of feed.

Matcher heads equipped with self-oiling  
bearing

One of the best machines built

Manufactured by

**STREET BROS. MACHINE WORKS**

**CHATTANOOGA, TENN.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**

## Single Surfacers

- 1 50x 7 Buss No. 3, Solid Roll.
- 1 40x 7 Buss No. 3, Sectional Roll and Clip Breaker.
- 2 40x 7 Buss No. 3, Solid Roll.
- 1 36x 7 Buss No. 2, Solid Roll.
- 1 36x 6 Egan, Heavy, Solid Roll.
- 1 36x 7 Whitney, Sectional Roll, Late Type.
- 1 30x 6 J. A. Fay & Egan, Sectional Roll, Late Type.
- 1 30x 6 Berlin Late Type.
- 1 30x 7 Buss No. 4, Sectional Roll, Late Type.
- 1 30x 7 Buss No. 3, Sectional Roll, Late Type.
- 1 30x 7 Buss No. 2, Sectional Roll, Late Type.
- 1 30x 7 Buss No. 2, Solid Roll.
- 1 30x 6 Rogers, Solid Roll.
- 1 30x 6 Whitney Late Type.
- 2 28x 7 Whitney, Solid Roll.
- 1 26x 7 Whitney, Sectional Roll, Late Type.
- 1 26x 7 Buss No. 4, Sectional Roll, Late Type.
- 1 26x 8 Egan, Solid Roll.
- 1 26x 8 H. B. Smith Double Belted.
- 1 26x 6 J. A. Fay & Egan, Solid Roll.
- 1 24x 6 Towsley, Double Belted.
- 1 24x 6 Goodell & Watters.
- 1 24x 8 Sidney, Brand New.
- 1 24x 5 Frank & Co.
- 1 24x 6 Indiana.
- 1 24x 6 Rogers.
- 1 24x5 Michels.
- 1 20x4 Baxter D. Whitney
- 1 18x16 Indiana.

**All Planers are complete with one set of straight knives for each head and counter-shaft.**

**Complete description of any machine is yours for the asking.**

**Whether the machine is listed you want or not write us. We can furnish it and save you money.**

### OUR GUARANTEE

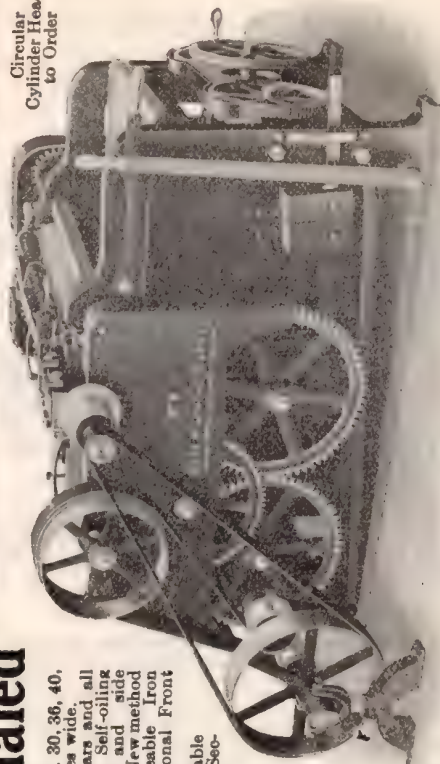
**Each second-hand machine is taken into our machine shop, stripped to the bare frame, carefully and thoroughly rebuilt from the ground up, each working part put in perfect working order, and the machine is warranted by us to be in condition to do the same work as when new.**

**FORT WAYNE, INDIANA**

# Unequaled

Is the BUSS No. 4 New Improved Cabinet Planer

Circular  
Cylinder Head  
to Order



Made in sizes 26, 30, 36, 40, 44, 50, 60, 64 inches wide.

Intermediate gears and all gears machine cut. Self-oiling bearings. Shoes and side plates, solid web. New method of belting. Malleable Iron Steel Spring Sectional Front Feed Roll.

Patented Malleable Iron Steel Spring Sectional Chip Breaker. Bedquickly raised and lowered by power.

No. 4 Single Surfacer or Cabinet Planer with Sectional Roll and Sectional Chip Breaker. Weight from 5200 to 7500 pounds net.

Be SURE to say you saw our ad in Guaranteed Machinery List

## THE HANNA-BRACKENRIDGE CO.

---

### Re-Saws

#### Band

- 1 54" W. B. Mershon.
- 1 54" Clement.
- 1 54" Fischer No. 3
- 1 60" Fischer No. 4.
- 1 60" Atlantic Works' Band Resaw old style, for 5" saws.
- 1 60" Berry & Orton.
- 2 48" Cordesman combined scroll and Band Resaw.
- 1 48" Buss Combined Band Scroll and Resaw.
- 1 42" J. A. Fay & Egan No 186, brand new
- 1 44" McDonough, practically brand new, for 5" saws.
- 1-40" Crescent Combined Scroll and Resaw.

#### Circular

- 1 60" Benjamin & Fisher.
- 1 36" Cordesman.
- 1 26" Street Bros.
- 1 30" L. Lower & Co.
- 1 24" J. A. Fay & Co.
- 1 30" Connell & Dengler.
- 1 22" Josiah Ross.
- 1 No. 8 Fisher "Little Giant" Slab Resaw.

Resaws like all other Machines are priced to sell and we have never had a more attractive stock than the above—Each one fully guaranteed—Will be glad to tell you all about any Machine.

---

#### OUR GUARANTEE

Each second-hand machine is taken into our machine shop, stripped to the bare frame, carefully and thoroughly rebuilt from the ground up, each working part put in perfect working order, and the machine is warranted by us to be in condition to do the same work as when new.

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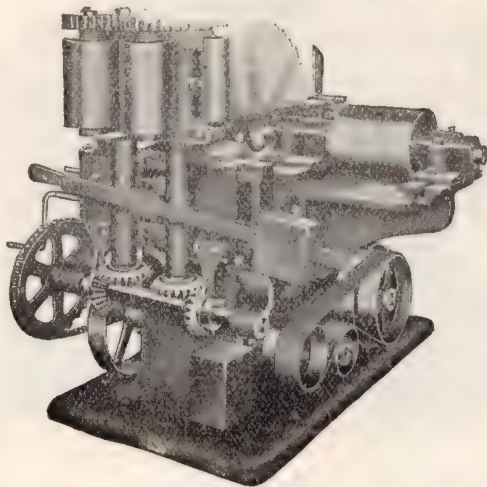
**Pulleys, Hangers, Belting, Saws, Knives and Bits.** An enormous stock at prices to move them. Send in your inquiry.

---

**FORT WAYNE, INDIANA**



## HEAVY 26 INCH CIRCULAR RESAW



Carried in stock by  
**THE HANNA-BRACKENRIDGE COMPANY**  
Fort Wayne, Ind.

Carries 26 in. diameter saw. Frame is cast in one piece.  
Feed consists of 4-5 in. rolls all geared.  
The rolls are held to their work by heavy weights and can be  
adjusted independent of each other.  
Are self centering and will center stock up to 4 in. thick.  
The feed works is carried on swinging frame and when set  
for bevel will not cramp any of the parts.  
Boxes are self-oiling and can be moved to and from the rolls.  
Arbor 1 15-16 in. Drive pulley 8"x8".  
Weight 1400 pounds.  
Will split any width of lumber up to 10 in.

**STREET BROS. MACHINE WORKS**  
CHATTANOOGA, TENN.

**Be SURE to say you saw our ad in Guaranteed Machinery List**

## THE HANNA-BRACKENRIDGE CO.

---

### Rip Saws

#### Self-Feed

- 1 42" J. A. Fay & Egan Band.
- 1 36" Superior Band.
- 1 No. 110 J. A. Fay & Egan.
- 1 "Hoosier" Standard.
- 1 Greenlee Bros.
- 1 Hayes, very heavy.
- 1 Meeks Kulser.
- 1 No. 3 Knight.
- 1 Indiana Machine Works.
- 1 J. A. Fay & Co.

### Combination Rip and Cut-off

- 1 Colburn Universal, just like new.
- 3 B. M. Root Variety Saws.
- 1 No. 5 American Williamsport.
- 1 White "Concord."
- 1 Egan Universal.
- 1 Rowley & Hermance.
- 1 J. A. Fay & Egan.
- 2 B. M. Root Variety.
- 1 Buss Tilting Table.
- 1 No. 8 Sidney.
- 1 Root Wood Frame.
- 1 No. 3 Colladay.
- 1 No. 2 Crescent.
- 1 Indiana Iron Frame.
- 1 Rowley & Hermance, Iron Frame.
- 1 Muncie Wood Frame.
- 1 No. 3 Root Wood Frame.
- 1 No. 2 Root Wood Frame.
- 1 No. 1 Root Wood Frame.
- 3 Wood Frames.

For Gang Rip Saws and Edgers, see Edgers

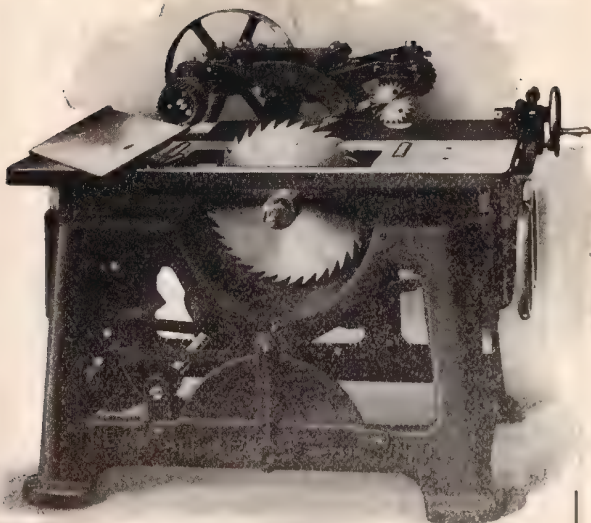
**We have a stock of 500 Rip and Cut-off  
Saws 8" to 60" that we can furnish refitted  
at discount of 70 per cent.**

### Rod and Dowel Machines

- 1 No. 1 Clement Rod & Dowel Machine.
- 1 Williamsport Rod & Dowel Machine.
- 1 Crescent Double Head Rod & Dowel Machine.
- 1 Wood Frame Rod & Dowel Machine.

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**FORT WAYNE, INDIANA**



## Knight's New Self-Feed Rip Saw

### SETS NEW PACE

Some of its Special Features are—

- FIRST**—It can be belted, without interference, from any direction.
- SECOND**—Its base is in one solid casting.
- THIRD**—It has a combined saw pit cover and out bearing for the mandrel that can be removed without the use of wrench or hammer.
- FOURTH**—It has a micrometer gauge on saw table.
- FIFTH**—It has a powerful steel chain-driven feed.
- SIXTH**—It has a high carbon crucible steel arbor.

*Send for circular of our machine before you buy*

**THE KNIGHT MFG. CO.**  
CANTON, OHIO

Carried in stock by The Hanna-Brackenridge Co., Ft. Wayne, Ind.  
Chicago Woodworking Mch'y. Co., 162 N. Clinton St., Chicago

**Be SURE to say you saw our ad in Guaranteed Machinery List**

# THE HANNA-BRACKENRIDGE CO.

---

## Sanders

**All rebuilt and fully guaranteed**

### 3-Drum

- 1 60" Berlin "Invincible."
- 1 60" Egan Co.
- 1 54" Berlin "Invincible."
- 1 48" American "Columbia."
- 1 42" Berlin "Royal Invincible."
- 1 42" H. B. Smith Machine Co.
- 1 36" J. A. Fay & Egan "Conqueror" No. 4.
- 1 36" Berlin "Royal Invincible."
- 1 30" Berlin "Royal Invincible."
- 1 30" American "Columbia."
- 1 30" Egan 3-Drum.
- 1 24" Berlin "Invincible."
- 1 18" Berlin "Invincible Junior."

### 2-Drum

- 1 30" McKnight Power Feed.
- 1 24" J. A. Fay & Co.
- 1 24" Berlin "Economist."
- 1 30" Yates Mfg. Co.
- 1 42" Egan Co.

### Single Drum

- 1 24" Heath Power Feed.
- 1 36" Wood Frame Hand Feed.
- 1 24" Wood Frame Hand Feed.

### Belt Sanders

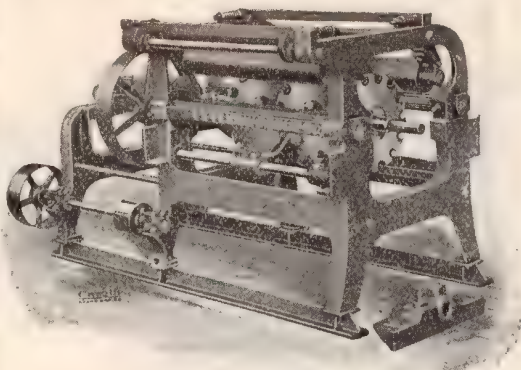
- 1 No. 3 Moore Double Belt Automatic.
- 1 Redin-Ekstrom Single Belt.
- 1 Lucas Machine Co.
- 1 Wysong & Mills.
- 1 Buss Combination.
- 1 8" Ober Double.
- 1 8" Ober Single.
- 1 8" Ober Hand Feed.
- 1 12" Empire Machine Works.
- 1 10" Wood Frame.
- 1 6" Wood Frame.
- 1 18" Wood Frame.

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**FORT WAYNE, INDIANA**



# The Wheland Edger



**Cut shows Removable Bridge Tree**

Feeds works and all parts carried on substantial frame. The most accurate, convenient and reliable EDGER built.

---

**Let us tell you about it**

---

Match it against any machine, then if it isn't BETTER, buy the other

**WHELAND MACHINE WORKS**

**STATION B, S. CHATTANOOGA, TENN.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**

## **THE HANNA-BRACKENRIDGE CO.**

---

### **Disc, Spindle, etc.**

- 3 No. 138 Bentel & Margedant Disc.
- 1 32" Horz. Disc.
- 1 46" Wood Frame Vertical Disc.
- 1 20" Wood Frame Vertical Disc.
- 1 Buss Pneumatic.
- 1 Buss Double Spindle.
- 1 J. A. Fay & Egan Comb. Disc & Spindle.
- 1 Defiance Handle Sander.
- 1 Nash Handle Sander.
- 1 Moore Arm Sander.
- 1 American "Nichols" Arm Sander.
- 1 R. & H. Arm Sander.
- 1 H. B. Smith Arm Sander.
- 1 No. 9 American Arm.

**Tell us just what kind of Sander you want. We will find it for you and save you money, too.**

### **Shapers 2-Spindle**

- 1 Advance Machine Works
- 1 No. 7 Buss Auto Body.
- 1 No. 4 Buss Latest Type.
- 1 No. 3 Buss Latest Type.
- 1 No. 114 Bentel & Margedant, Late Type.
- 1 No. 4 Berlin Machine Works.
- 1 J. A. Fay & Egan.
- 1 Bentel & Margedant, Column Frame.
- 1 J. O. Colloday.
- 1 Whitaker.
- 2 Rogers.

### **1-Spindle**

- 1 Advance Machine Works.
- 1 B. & M. Reversible Counter.
- 1 Egan Co., Reversible Counter.
- 1 Prybil Reversible Counter.
- 1 L. Power & Co.

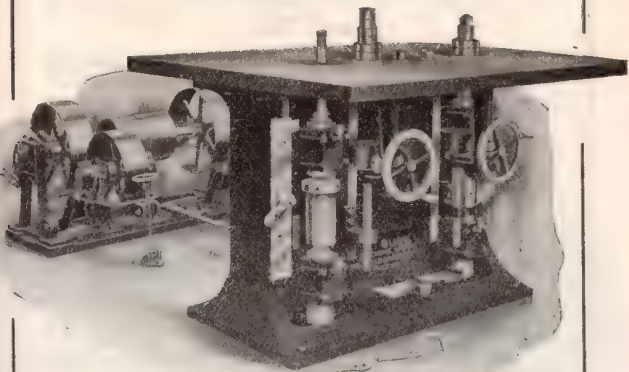
### **Shingle Mills**

- 1 DeLoach "Prince" Hand-feed Shingle Machine.
- 1 Perkins "Grand Mogul" Double Block Shingle Machine.
- 1 Challoner Double Block Shingle Machine.
- 1 Perkins "Florida" Automatic.
- 1 Johnson Iron Frame Hand Feed.
- 2 36" Wood Frame Shingle Jointers;

---

**FORT WAYNE, INDIANA**

# The Buss Shaper



## THE CORRECTLY DESIGNED SHAPER.

No. 3, 4, 5, Babbitted Boxes. No. 6 Bronze Boxes  
Conical Bearings. No. 7 Special Auto Body Makers  
Shaper, Conical Bearings, Bronze Boxes, 8" to 16"  
four sided heads supported by brackets. Weight  
2450 to 3000 pounds net.

All countershaft bearings are self-oiling boxes.

✿ The above machines are carried in stock by The Hanna-  
Brackenridge Co., Fort Wayne, Ind., and Chicago Wood-  
working Machinery Co., 162 N. Clinton St., Chicago.

## Buss Machine Works

Holland, Mich.

Be SURE to say you saw our ad in Guaranteed Machinery List

## **THE HANNA-BRACKENRIDGE CO.**

---

### **Saw Mill Machinery**

#### **Band Mills**

- 1 8-ft. Sinker-Davis Band Mill complete with 16-ft. carriage, offset, Feed, Etc.
- 1 8-ft. Allis No. 4 Band Mill, No carriage.
- 1 8-ft. Prescott L. H. Band Mill complete with carriage, Steam Feed, Live Rolls, Trimmer, Edger, Etc.
- 1 No. 9 J. A. Fay & Egan Band Mill.
- 1 No. 57 J. A. Fay & Egan Band Mill.

#### **Circular Mills**

- 1 Farquhar Double Circular Saw Mill.
- 1 Brownell Double Circular Saw Mill.
- 1 Sinker-Davis Double Circular Saw Mill.
- 1 Russell Circular Saw Mill.
- 1 Wyandotte Chief Circular Saw Mill.
- 1 No. 2 Frick Circular Saw Mill.
- 1 No. 5 Defiance Short Log Mill.

**ALL THE ABOVE MILLS ARE FURNISHED WITH COMPLETE EQUIPMENT AND ARE FULLY GUARANTEED**

**As Agents for several lines of the best known New Equipments we are prepared to furnish new as well as rebuilt.**

#### **Miscellaneous**

- 1 Wickes Heavy Saw Mill Gang.
- 1 20 ft. Curtis Heavy Carriage.
- 3 Endless Chain Log Jackers.
- 1 Perkins Friction Log Haul-up.
- 1 Friction Nigger or Log Turner.
- 2 No. 1 Hill Steam Niggers.
- 1 No. 9 Mitts & Merrill Saw Mill Hog.
- 1 6 to 16-ft. Sinker-Davis Trimmer.
- 1 6 to 20-ft. Chattanooga Ironsides Trimmer.
- 1 Chattanooga Twin-Engine Feed.

**EDGERS, CUT-OFF SAWS, SLASHERS AND ALL KINDS OF SAWMILL EQUIPMENT WE CAN FURNISH TO ADVANTAGE. LET US KNOW WHAT YOU REQUIRE.**

---

**FORT WAYNE, INDIANA**

# The Brownlee Steam Feed Company

The Hanna  
Brackenridge Co.,  
Fort Wayne, Ind.,  
recommend and  
carry this feed  
in stock.  
Write them.



**No. 4-A—Cylinder 6x7, Weight 1000 lbs.**

By the installation of the Brownlee Feed you can increase the cut of your mill 20 to 50%.

They are simple—no eccentrics, valves, guides or cross-heads.

They can be bolted direct to the top of the Husk or placed underneath.

They can be readily attached to any make of mill.

We build several sizes.

---

## The Brownlee Steam Feed Co.

CHATTANOOGA, TENN.

**Be SURE to say you saw our ad in Guaranteed Machinery List**



## THE HANNA-BRACKENRIDGE CO.

### Tenoners

#### Double End

- 1 H. B. Smith Machine Co. with Cut-off Saw attachment; will handle stock 4" thick and 6 ft. long.
- 1 No. 3 H. B. Smith Machine Co. with Cut-off Saw attachment; will handle stock up to 6 ft. long.
- 1 Bentel & Margedant for working stock 18" wide and 7 ft. long.
- 1 Buss Machine Works with Cut-off Saw attachment will work stock 16" wide and 5½ ft. long.

#### Single End

- 1 J. A. Fay & Egan, Roller Bearing Carriage.
- 1 No. 2 Colloday with Copes.
- 1 No. 2 Egan Co. Heavy, with Copes..
- 1 No. 3½ J. A. Fay & Co.
- 1 H. B. Smith Machine Co., with Copes.
- 1 H. B. Smith Machine Co.
- 1 L. Houston with Cut-off Saw.
- 1 I. Houston with Copes.
- 1 No. 3 Rowley & Hermance, with Cut-off Saw.
- 1 Indiana Machine Works.
- 1 Rogers, Wood Frame.

All of the above are equipped with double heads.

Any Machine can be supplied with Copes or Cut-off Saws or both.

- 2 Goodspeed Chair Back Tenoners.

### Veneer Machinery

- 1 42 & 52 Coe & Wilkes Rotary Veneer Cutter; Style "E" Machine, "Medium Pattern" weight 7000 lbs. This Machine is exactly the same as new and we have a very good price to make you

We have listed with us several equipments of Veneer Machinery and we can furnish practically any Machine desired.

Also have special arrangement for furnishing you new equipment.

### Woodworkers

- 1 No. 62 J. A. Fay & Egan Co. Universal, absolutely just like new.
- 1 No. 155 Bentel & Margedant, Combining 8" Jointer and 8" Molder.
- 1 Bentel & Margedant "Climax" 8" 4-side Molder and 8" Jointer.
- 1 No. 5 Bentel & Margedant, 8" Jointer, Borer & Router.
- 1 No. 12 Sidney "Famous," including Band Saw, Jointer, Shaper, Saw Table, Etc.
- 1 No. 14 Sidney "Famous" with same equipment.

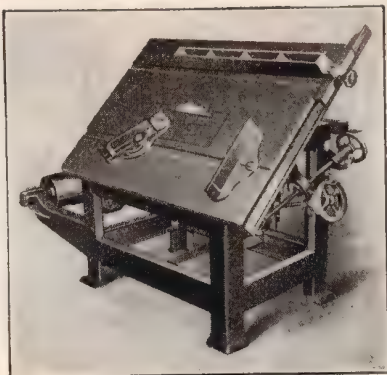
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**FORT WAYNE, INDIANA**

# **FAMOUS**

## **No. 8 Variety Saw Table Dadoer and Boring Machine**

Carried in stock by  
**THE HANNA-BRACKENRIDGE CO.**



**A machine you can use  
on every job**

---

**The cost is small, the variety of work large**

---

Iron Tilting Table 32x44. Furnished with 14 inch saw, one straight and one mitre cut-off gauge, the yoke for connecting same, and one double faced rip gauge.

**: WRITE :**

**SIDNEY TOOL CO., Sidney. O.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**

## Engines

All Engines are overhauled and rebuilt in our own shops by mechanics and are absolutely the same for service as when brand new: Cylinders are re-bored, every working part refitted and no worn parts are left on the engine. We make them the same as new. All are furnished with lubricator, governor, oil cups and regular fittings.

### CORLISS

1 16" x 42 L. H. Hamilton.

1 16" x 42 R. H. Hamilton.

These engines we can name an attractive price on and one that will save money for the purchaser.

### AUTOMATIC

1 15 x 30" Buckeye R. H.

1 12 x 16" Bass R. H.

1 11 x 16" Atlas R. H.

1 11 x 13 Ide R. H.

1 10 x 12 Haberkorn C. C.

1 9½ x 16" Rice L. H.

1 9 x 10" Ames C. C.

### SIDE CRANK

1 20 x 24" Norton & Cole.

1 14 x 26" Bass L. H.

1 14 x 24" Tane & Bodley L. H.

1 14 x 20" Fostoria L. H.

1 14 x 20" Michigan R. H.

1 14 x 18" Sinker-Davis L. H.

1 13 x 16" Brownell R. H.

1 12 x 24" Bowser R. H.

1 12½ x 20" Bowser L. H.

1 12½ x 20" Buckeye L. H.

1 9 x 12" Ft. Wayne L. H.

1 9 x 17" Ft. Wayne R. H.

1 9 x 10" June L. H.

1 9½ x 14" Davis L. H.

1 9 x 13" Atlas L. H.

1 9 x 16" Atlas R. H.

1 9½ x 14" Ft. Wayne R. H.

1 8½ x 15" Michigan L. H.

1 7 x 12" Erie City R. H.

1 7 x 12" Rocker Valve L. H.

1 7½ x 9½" Ft. Wayne L. H.

1 5½ x 6" Ft. Wayne L. H.

### VERTICAL

1 7 x 6 Westinghouse Double Cylinder.

2 6 x 8" Orr & Sembower C. C.

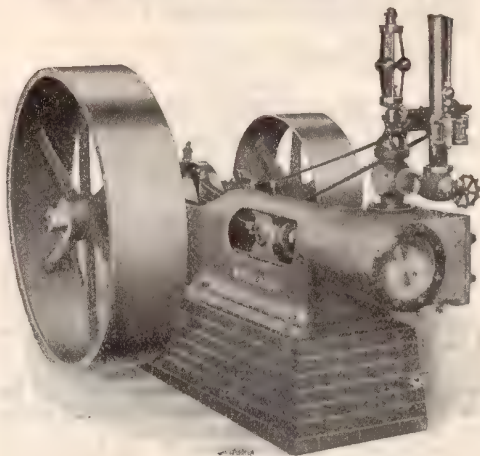
1 5 x 7" Freeman C. C.

1 4 x 5" Freeman C. C.

FORT WAYNE, INDIANA

# Heavy Duty Engines

**Specially Designed Power Equipments for  
Saw Mills and Woodworking Factories**



## **Center Crank Throttling Engine**

Our 45 years' experience in the manufacturing of saw mill machinery gives us the "know-how" for the designing and building of engines and boilers for every saw mill or factory requirement. We aim to furnish the equipment suited to the particular needs of each plant, so that the strictest economy may be practised at every step, from fuel supply to the shifting of belts. Our extensive line includes self contained, center and side crank, balanced valve throttling, plain slide valve and automatic engines.

**We have satisfied hundreds upon hundreds of mill owners.  
Let us have the opportunity of satisfying you.**

## **WHELAND MACHINE WORKS**

**Station B,**

**So. Chattanooga, Tennessee**

**The Best of Everything for Saw Mills of all sizes**

**Be SURE to say you saw our ad in Guaranteed Machinery List**

# THE HANNA-BRACKENRIDGE CO.

## CENTER CRANK

- 1 13 x 16" Erie City.
- 1 12 x 12" Maiden.
- 1 10 x 16" Farquar.
- 1 10 x 12" Morris.
- 1 10 x 14" Chandler & Taylor.
- 1 9 x 12" Titusville.
- 1 9 x 13" Atlas.
- 1 7 x 12" Erie City.
- 1 7 x 12" Atlas.

## COMBINED

- 1 25 H. P. Erie Combined Engine & Boiler, Engine. Mounted on Boiler on Skids.
- 1 20-H. P. Orr & Sembower Engine Mounted on Boiler and Boiler on Wheels.
- 1 8-H. P. Combined Engine and Boiler on Skids.

## GAS AND GASOLINE

- 1 60-H. P. Otto.
- 1 35-H. P. Otto.
- 1 25-30-H. P. New Era.
- 1 18-H. P. New Era.
- 1 9-H. P. Otto.
- 1 6-H. P. Ft. Wayne.
- 1 4-H. P. Ft. Wayne.

## HOISTING

- 1 6 x 8 Freeman, Single Drum, Single Cylinder, Carried on Heavy Cast Iron Bed. Just like new.

## BOILERS

Every Boiler is tested under pressure of 150 lbs. New tubes are put in where required and full equipment of fittings and fixtures furnished.

## STATIONARY

- 1 72" x 18 ft.
- 1 72" x 16 ft.
- 1 66" x 15 ft.
- 1 16" x 14 ft.
- 2 60" x 16 ft.
- 1 48" x 14 ft.
- 1 44" x 10 ft.
- 1 36" x 8 ft.
- 1 42" x 8 ft. Upright.
- 1 31" x 5 ft. Upright.
- 1 24" x 4 ft. Upright.

## PORTABLE

- 1 50-H. P. Erie City Iron Works Combined Portable and Return Tubular Boiler.
- 1 20-H. P. Randle, Locomotive.
- 1 25-H. P. Nagle Locomotive.
- 1 30-H. P. Russell Locomotive.
- 1 35-H. P. Orr & Sembower Locomotive.
- 1 40-H. P. Chandler & Taylor.

F O R T W A Y N E , I N D .



# We Want You to Investigate the Phillips 1910 Combination Window Frame and Saw Table Machines



**Especially Designed for Doing All  
the Work Shown in This Cut**

**Mortising in Sash Pulleys.  
Making the Pockets.  
Dadoing for Heads, Sills, etc.  
Plowing the Parting Strip Groove.  
Ripping the Bevel Edges of Sills.  
Cutting Your Frame Lumber to  
Length and Width.  
Saving Floor Space.  
Saving the Carrying of Pieces from  
one machine to another.  
Saving the Worry over Filling Your  
'Rush Orders.'**

**"We are very much pleased with your Combination Window Frame Machine. It is doing all that you represented, and besides, we find many other things that we can do with it. THE R. B. McDANEL CO., New Brighton, Pa."**

**We Guarantee These Machines to be All  
We Claim for Them.**

**Write for full particulars, price and terms and  
mention "Guaranteed Machinery List."**

## **The Phillips Mfg. Co.**

**Orlando, Florida**

**The HANNA-BRACKENRIDGE CO., Fort Wayne, Ind., can  
tell you all about the "Phillips."**

## **THE HANNA-BRACKENRIDGE CO.**

**Cooperage Machinery is our specialty. One Machine shop devoted to rebuilding it entirely and we can supply any requirement.**

### **Heading Machinery**

- 4 Greenwood Stave and Heading Bolters.
- 1 46" Trevor Pendulous Heading Saw with 42" Saw.
- 2 44" Trevor Pendulous Heading Saws with 42" Saws and Collars.
- 2 48" Trevor Pendulous Heading Saw with 44" Saw.
- 1 46" Greenwood Pendulous Heading Saw with 44" Saw.
- 1 48" Greenwood Pendulous Heading Saw with 44" Saw.
- 1 48" Gerlach Pendulous Heading and Box Board Saw with a 66" Saw and Collar, used thirty days.
- 1 Perkins "Grand Mogul" Double Block Power Feed Heading Shingle Machine.
- 1 Perkins "Florida" Single Block Heading and Box Board Machine.
- 1 16" Greenwood Heading Planer.
- 1 20" Greenwood Heading Planer.
- 1 24" Greenwood No. 4 Heading Planer.
- 2 Greenwood Heading Turners, each with two sets of clamps.
- 2 5-ft. Greenwood 6-Knife Heading Jointers, not cased.
- 4 5-ft. Greenwood 6-Knife Heading Jointers, cased.
- 1 5-ft. Trevor Heading Jointer, cased for fan.
- 1 Gerlach Heading Bolt Equalizer, 40" Saws and Swinging Frame.
- 1 Heavy Double Wheel Keg and Tub Jointer.
- 1 Goodspeed Top and Bottom Lathe for Butter Tubs.
- 20 Half Cord Tunnel Cars.

**Each machine complete with regular equipment and as listed.**

**Make your requirements known we'll do the rest:**

### **OUR GUARANTEE**

**Each second-hand machine is taken into our machine shop, stripped to the bare frame, carefully and thoroughly rebuilt from the ground up, each working part put in perfect working order, and the machine is warranted by us to be in condition to do the same work as when new.**

**FORT WAYNE, INDIANA**

# **Cooperage Stock and Cooperage Machinery**

We are wholesale dealers in Slack Barrel Cooperage Stock, Hoops, Heading and Staves.

We are General Sales Agents for J. Michels & Co's Hoop Machinery and Rochester Barrel Machine Works' Stave and Heading Machinery.

We are prepared to furnish their machinery, NEW or our own Rebuilt and Guaranteed Machinery, and take Hoops, Staves and Heading in payment.

We will pay prevailing market prices, and contract to take Cooperage Stock in payment for machinery—in this way the machinery pays for itself.

Don't saw your Elm into lumber—make Hoops and Staves and get out of your logs all there is in them.

Write us.

**The Hanna - Brackenridge Co.**  
**Manufacturers Fort Wayne, Ind. and Dealers**

## Hoop Machinery

- 6 Defiance Patent Automatic Sawed Hoop Planers.
- 2 Michels Patent Sawed Hoop Planers.
- 2 Trautman Patent Sawed Hoop Planers with Pointer and Lapper Attached.
- 4 Defiance Chuck Pointing Machines.
- 1 Michels Wheel Lapping Machines.
- 2 Defiance Wheel Lapping Machines.
- 1 8-ft. Greenwood Shear Cut Hoop Cutter.
- 3 7-ft. Greenwood Under Cut Hoop Cutter No. 2.
- 1 8-ft. Noble Under Cut Hoop Cutter.
- 1 Michels Under Cut Hoop Cutter.
- 2 8-ft. Defiance Shear Cut Hoop Cutter.
- 3 Michels Double Head Cut Hoop Planers.
- 2 Michels Combined Automatic Hoop Pointers and Lappers.
- 1 Ward Double Head Cut Hoop Planer.
- 2 Defiance Triple Head Cut Hoop Planer.
- 4 Ward Hoop Collers.
- 3 Defiance Hoop Collers.
- 5 Michels Hoop Collers.

## Stave Machinery

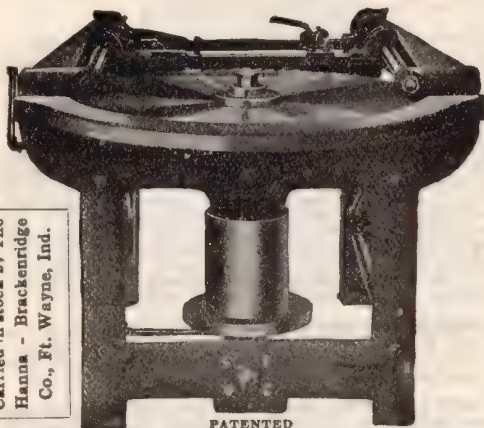
- 1 14x28 Lenker Bilge Nail Keg Stave Saw.
- 2 32" Fort Wayne Stave Cutters.
- 1 36" Fort Wayne Stave Cutter.
- 4 36" No. 4 Greenwood Stave Cutters.
- 2 42" No. 2 Greenwood Stave Cutters.
- 4 24" No. 5 Stave Cutters for Kegs.
- 6 Greenwood Stave Bolt Equalizers.
- 1 Gerlach Stave Bolt Equalizer, overhead swinging frame.
- 2 Greenwood Stave Equalizers for light work.
- 4 Greenwood Stave and Heading Bolters with 60" Inserted Tooth Saws.
- 4 Van Wert Lay Down or Horizontal Bolters.
- 3 32" Greenwood Stave Jointers.
- 7 32" Widdowson Stave Jointers.
- 5 32" Trevor Stave Jointers.
- 4 38" Greenwood Stave Jointers.
- 3 38" Widdowson Stave Jointers.
- 5 Wheel Stave and Heading Trolleys.
- 5 Cadillac Stave Presses.
- 60 Tunnel Cars, 1-2 Cord Capacity.
- 10 Complete Dry Kiln Equipments of different makes and capacities.

FORT WAYNE, INDIANA

# CLIMAX SHINGLE AND HEADING MACHINE

A Combination of Economy

Capacity 10,000 to 20,000 Shingles per Day



Carried in stock by The  
Hanna - Brackenridge  
Co., Ft. Wayne, Ind.

PATENTED

Cuts 16" and 18" Shingles, 8" wide.

Carries 36" Saw.

Arbor  $1\frac{1}{8}$ " diameter, ground after turning.

Pulley 8"x8"—1,500 revolutions.

Heavy Balance Wheel 13".

Boxes self-oiling and adjusting.

Tilt Works adjustable—operated by hand.

Heavy Iron Frame.

Combination Iron and Wood Carriage.

---

Street Bros. Machine Works,  
CHATTANOOGA, TENN.

Be SURE to say you saw our ad in Guaranteed Machinery List



# COMPLETE PLANTS & SPECIAL EQUIPMENT FOR SALE

**HANDLE FACTORY AND SAW MILL (Ind.)**—Complete plant including buildings, land, etc. 70 H. P. Boiler, 60 H. P. Engine, Sinkers-Davis Saw Mill, Edger, Cut-off Saw, Log Turner, Ober Lathes, Nash Sander, Hawker Dowell Machine, Self-Feed Rip Saw, Chucking and Boring Machine, Shafting, Pulleys and everything complete.

**BAND SAW MILL**—Complete plant for 200,000 ft. capacity consisting of 2-8 ft. Clark Band Mills, 3-Block Carriages, 2-wickes Gangs, Log Loaders, 12" Steam Feeds, Edgers, Slashers, Live Rolls, Power Plant and absolutely everything going to make up a strictly first Class Modern outfit. The price is low to move at once.

**SAW MILL AND PLANING MILL (Ind.)**—Complete Equipment, 60x14 Boiler, Pump, 12x16 Engine, Curtis Double Saw Mill, 20 ft; Hoosier Carriage, Log Turner, Log Haul: Pipe Rolls, Edger, Lumber Trucks, Swing Saw, Rip Saw, 24x6 Egan Planer and Matcher, Greenlee Self-Feed Rip Saw, Table Cut-off Saw, 36 inch Hall and Brown Band Saw, Saw Tools: All Countershafts, Line Shafts, Pulleys and Belts to drive machines—6½ acres of land, side Track, Office Building, Barns, Sheds, all Office Furniture and Equipment complete. A big bargain and an A-1 outfit. Price low.

**VENEER MACHINERY OUTFIT**—One Cos Mfg. Co., Rotary Veneer Cutter, Veneer Clipper and Veneer Dryer—all like new—cost \$10,000.00 and can name a bargain price to move at once.

**BAND SAW MILL [Tenn.]**—6 ft. Smith Meyers & Schriener Band Mill; 2-Block Carriage; Friction Feed, 3-Saw 40" Edger, 2-Saw Trimmer, Filing Room Outfit, 54x15 Boiler, 12x16 Erie City Engine.

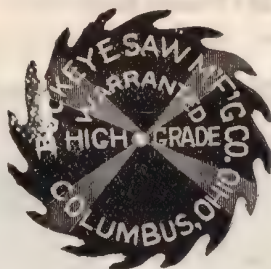
**TIGHT BARREL COOPERAGE PLANT [Indiana]**—22x44 Gerlach Cylinder Saw, 22x38 and 16x36 Whitney Cylinder Saw; 2 Oram Stave Planers; Oram 56" Double and 48" Single Wheel Joiners; 3 Greenwood and Treavor Heading Turners; 48" and 60" Heading Joiners; Bolt Equalizers, 16" Ind. Hand Planer; 20" Fay Poney Planer, 24" G. & W. Surfacers; Post Borer, Emery Stands; 44x12 and 60x16 Boilers, Chamfering and Crozing Machines; Hoop Driver; Windlass; Barrel Sander; Rivet Punch; Rip and Cut-off Saws; 15 Dry Kiln Trucks; Engine; Pump; Heater; Steel Rail; Shafting; Pulleys; Belting; Tools; Supplies, Etc.

**HEADING MILL (Mich.)**—Complete equipment of practically new machinery, Saws, Planer, Bolter, Jointer, Exhaust Fan, Dry Kiln, Steel Log Pond, 5 acres land, side track and everything to make up modern plant.

# Buckeye Saws

Circular and Bands

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## Band Saws That Will Stand Up to Your Most Severe Work

Any width up to 6". Small sizes can be furnished in coils if desired.

Let us send you a trial order prepaid, and put them to test.

Any size circular saw from 2" to the largest mill saw.

We also manufacture Hand-Cut Files of every description.

Re-cutting of any make of File.

Write for descriptive catalog and full information.

---

## Buckeye Saw Mfg. Co.

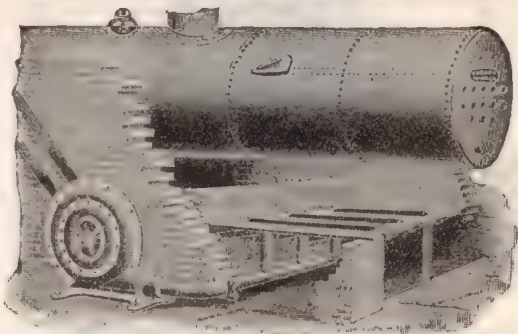
REYNOLDS BROS., Proprietors

Columbus, Ohio

Be SURE to say you saw our ad in Guaranteed Machinery List

# Do You Get the Full Steaming Capacity Of Your Boilers?

If not, there's something wrong with your fire



## Our Hollow Blast Grates

produce a forced draught that will give you all the steam your boilers can make. That means more power—increased capacity for your entire plant.

## Decreased Fuel Cost

This larger capacity doesn't mean greater expense, either, but an actual reduction in operating cost, because you sell your dry wood and burn wet, green or even frozen chips, shavings, sawdust, or other mill offal. The bars do not clog, and the blast keeps them cool so they don't burn out like the ordinary bar. They pay for themselves a dozen times a year.

Is this a "bluff?" Then "call" it.  
We'll risk a 30 days' trial and freight  
both ways, if it doesn't make good.

---

## The Hanna-Brackenridge Co.

### Fort Wayne, Ind.

Rebuilders and Manufacturers of Woodworking Machinery

# Burning Money

—when you burn your slabs and wood to make steam. Hanna-Brackenridge Hollow Blast Grates will save you money and give you more steam by burning green or wet sawdust, shavings and other refuse. Read the letter below and

**WRITE US NOW!**

**THE HANNA-BRACKENRIDGE COMPANY**  
Fort Wayne, Indiana

---

**G. A. DWIGGINS**

DEALER IN

**HARDWOOD LUMBER AND LOGS**

**CASH PAID FOR ALL KINDS OF LUMBER**

---

**PHONES: Residence, 117A Mill, 117B**

*Fountain City, Ind., Jan. 10, 1910*

Hanna-Brackenridge Co.,  
Fort Wayne, Ind.

Gentlemen:

I have used your Hollow Blast Grates for about 13 years and find them satisfactory in every respect.

Before putting the grates in we burned all the slabs from the logs. Now we run on saw-dust and sell about \$5.00 worth of wood in a ten hour run and have no trouble keeping steam.

I could not afford to be without these grates.

Yours truly,

*G. A. Duggins*

# Second Hand Machinery

FOR SALE BY

Chicago Woodworking Machinery Co.

162 N. Clinton St., Chicago

---

## Bargains in Rebuilt Woodworking Machinery

Band Saws, 20, 27, 32, and 36 in.

Borers, post, both belt and gear driven.

Cut-off Saws, railway, Fay and Barnes.

9 Dovetailers, Dodds, 15 spindle.

Jig Saws, Fay and Superior.

Jointers, Glue, Fay & Egan and Berlin.

Lathes, variety, Waymouth.

Lathes, Handle, Gleason.

Mortisers, Greenlee No. 6, hollow chisel, Houston and Smith.

Molders, Houston, 9 in.; Rowlev & Hermance, 6 in.

Planers, single, 24, 26, and 30 in.

Planers, double, 26 x 6 and 30 x 6 in.

Planers and matchers, S4S, 14 x 4, 14 x 6 and 15 x 6 in.

Ripsaws, Hoosier and Knight.

Sanders, 2 and 3 drum, 24 and 30 in.

Tenoners, cabinet and sash and door work, Nos. 1 and 3.

Send for stock sheet listing over 400 different machines.

**We Guarantee Our Rebuilt Machines**

**Our Prices Are Right**

**•Complete Stock New Machinery**

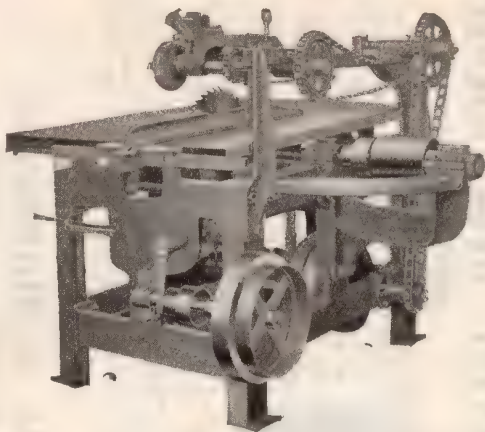
**Write Us**

**Chicago Woodworking Machinery Co.**

**162 N. Clinton St., Chicago, Ill.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**





## **THE B. M. ROOT SELF-FEED RIP SAW**

Four rates of speed, from 35 to 150 feet a minute. Table is supported at four points, is quickly and easily raised or lowered and remains stationary at any point without bolts or clamps. Single or multiple saws can be used and other important features add much to its practical value.

**CARRIED IN STOCK BY**

**THE HANNA-BRACKENRIDGE CO.**

**FORT WAYNE,**

**:**

**INDIANA**

**MANUFACTURED BY**

**B. M. ROOT COMPANY,**

**:**

**YORK, PA.**

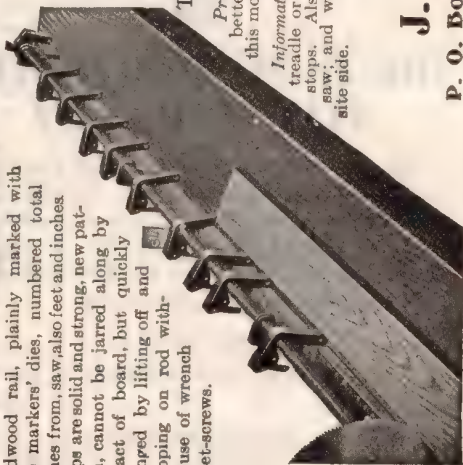
**Be SURE to say you saw our ad in Guaranteed Machinery List**

# ROBINSON IMPROVED

# SAW GAUGE

Threaded Steel Rod, mounted on 2 x 3 hardwood rail, plainly marked with rule markers' dies, numbered total inches from, saw, also feet and inches.

Stops are solid and strong, new pattern, cannot be jarred along by impact of board, but quickly changed by lifting off and dropping on rod without use of wrench or set-screws.



No order required. Permission only to send gauge on free trial. If not entirely satisfactory 30 days after arrival at your station, ship it back by freight at our expense. (We sent 7 on these terms to Portland, Oregon, and they were accepted. This shows our confidence in our goods.)

*Prices:* Lower than competitors' although gauge is better than theirs. Special discount for gauges placed this month.

*Information needed to ship on trial:* Kind of saw--swing, treadle or rolling table; length required, and how many stops. Also if for use on right (as above) or left side of saw; and whether frame of swing saw is on same or opposite side.

**Write today to**

**J. J. ROBINSON**

**P. O. Box 224**

**FORT WAYNE, IND.**

# Why Pay \$50 or \$60 ?

When You Can Get THE BEST for \$35 ●

Frame is cast in one piece, cored, supported on trunions on the hangers instead of being hung on the shaft, and designed to insure absolute rigidity and permanent alignment.

Adjustable Counterbalance may be applied to either the front or rear of the frame. When the frame is brought forward this counterbalance carries it back into position after the cut is made.

Guard regularly furnished will accommodate saws up to 20" diameter, but if desired, either a 16, 18, or 24-inch saw guard will be furnished at same price. All guards are provided with a handle placed in a convenient position for pulling saw forward.

Arbor is  $1\frac{1}{8}$ " diameter, of fine steel, turned to  $1\frac{1}{2}$  in. where saw goes on and will carry any size saw up to 24 in. is grooved to prevent end motion and runs in extra long boxes, lined with genuine Babbit metal.

Length of arm 6 feet; length from base of hanger to center of arbor, 81"; tight and loose pulleys, 8" x 5". Drive pulley, 16 in. x 5 in. Arbor pulley 5 x 5 $\frac{1}{2}$ . Revolutions of countershaft, 450. Weight 450 pounds.

Saw can be furnished at extra cost. New or good second-hand.



**\$35**

10%  
Discount  
for  
Cash  
With  
Order

H-B No. 7 Swing Saw

**THE HANNA-BRACKENRIDGE CO.,** FORT WAYNE,  
INDIANA

**Be SURE to say you saw our ad in Guaranteed Machinery List**

# Chattanooga Wood Splitters

The World's Standard

Built entirely of steel and iron.

Built for hard work—and lots of it.

Single or double splitters, for coarse stove wood or fine kindling.

We also build light splitters.

*Let us tell you more about them.*

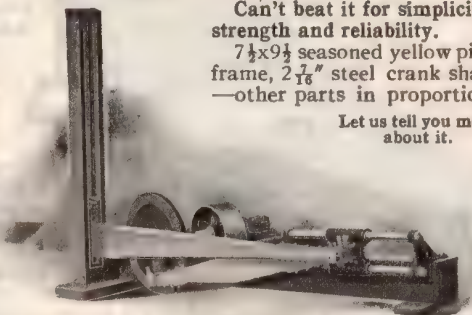


## Improved Drag Saw

Can't beat it for simplicity, strength and reliability.

7½x9½ seasoned yellow pine frame, 2 7/16" steel crank shaft—other parts in proportion.

*Let us tell you more about it.*



Above machines are carried in stock by  
The Hanna-Brackenridge Co.

### Chattanooga Machinery Co.

CHATTANOOGA, TENN.

Be SURE to say you saw our ad in Guaranteed Machinery List



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All styles carried in stock by The Hanna-Brackenridge Co.,  
Ft. Wayne, Ind., and Chicago Woodworking Mch'y Co.,  
162 N. Clinton St., Chicago, Ill.

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## ROOT VARIETY SAW SPECIAL FEATURES

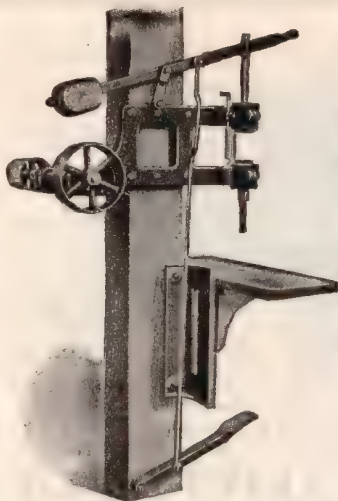
Table always at one height. Screws, gears, slides, etc., are inside of column. Saw dust falls outside of column. Mandril raised and lowered by hand wheel and screw. Column slides on base, providing means of tightening endless belt without cutting or re-lacing. Table tilted to 45 degrees, by hand worm and gearing. No clamps necessary to hold table in position. Dial plate showing degree to which table is tilted. Accurate screw adjusting rip gauge. All adjustments convenient for operator. With or without boring attachment. Can be used for Ripping, Cross Cutting, Mitering, Gaining, Rabbetting, Bevelling, Moulding.

*Write for Complete Description and Price*

**B. M. ROOT & CO.**  
**YORK, PA.**

Be SURE to say you saw our ad in Guaranteed Machinery List





## No. 1 Post Boring Machine

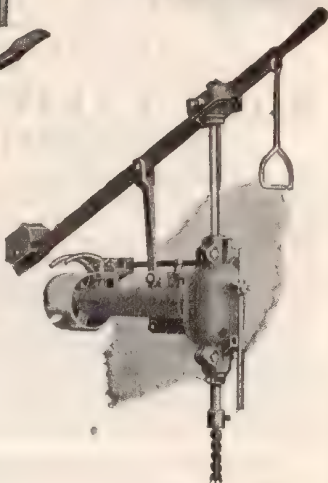
**T**HIS machine is arranged to be fastened to an upright post, and to be driven direct from a main shaft no extra counter being required.

THE SPINDLE has a movement, adjustable by stops, up to 12 inches; it slides in revolving sleeves and can be operated by hand or foot. The loose pulley is self-oiling, 6 in. diameter, for 2½ in. belt, and should make 300 to 600 revolutions per minute. This will give the bit a speed of 1,000 to 1,200.

## No. 2 Boring Machine

Spindle is driven by miter gears, and works up and down in a sleeve cast to gear.

Bores eleven inches deep. Stop regulates depth to be bored.



**Write for**

**Prices**

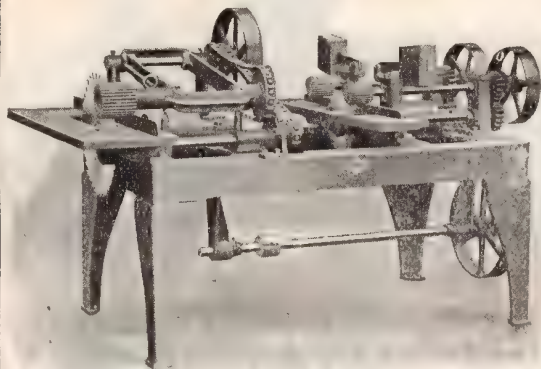
**Hanna-Brackenridge Co.**

New and  
Rebuilt.

**Fort Wayne, Ind.**

Woodworking  
Machinery.

# Chattanooga Combined Lath Mill and Bolter



Heavy Iron Frame Machine  
with Power Feed

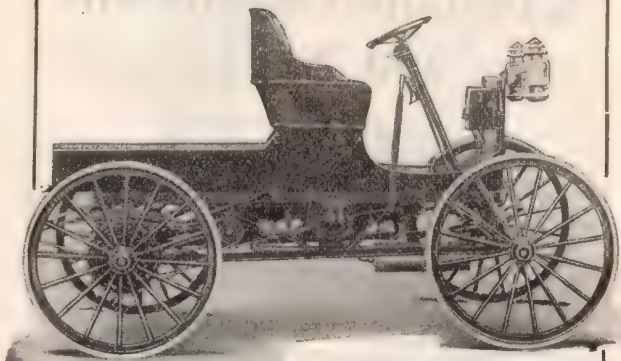
LET US TELL YOU ALL ABOUT IT  
AND WHAT IT WILL DO

**CHATTANOOGA MACHINERY CO.**  
**CHATTANOOGA, TENN.**

Be SURE to say you saw our ad in Guaranteed Machinery List

# **MODEL U**

## **THE REAL HANDY WAGON**



**¶ This light delivery wagon is the latest development in low-priced commercial vehicles. It is simple yet strong, light yet powerful, and gives the fullest satisfaction wherever used.**

**¶ Capacity one passenger and 500 pounds.**

**¶ We also build a One Ton Truck—and—all other sizes and thoroughbred pleasure cars.**

**W. H. MCINTYRE COMPANY**

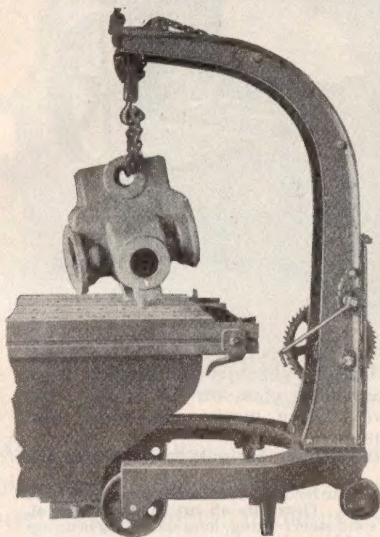
**AUBURN, INDIANA, U. S. A.**

**Be SURE to say you saw our ad in Guaranteed Machinery List**

## **"Bill and John won't be here today"**

Yes, a heavy casting got away from them, smashed Bill's foot and hurt John's knee. (Both in Hospital)—**MORE DOCTOR BILLS**, and **WHO** is going to run their lathes.

**Don't let expert men do drudge work:**



¶ This tool  
SAVES it's  
cost in a few  
months;

¶ Insures  
safety to men  
and machin-  
ery;

¶ Increases  
facilities for  
handling  
heavy work;

WRITE FOR  
PRICES

**YOU CAN'T AFFORD TO BE WITHOUT  
THIS LABOR-SAVER**

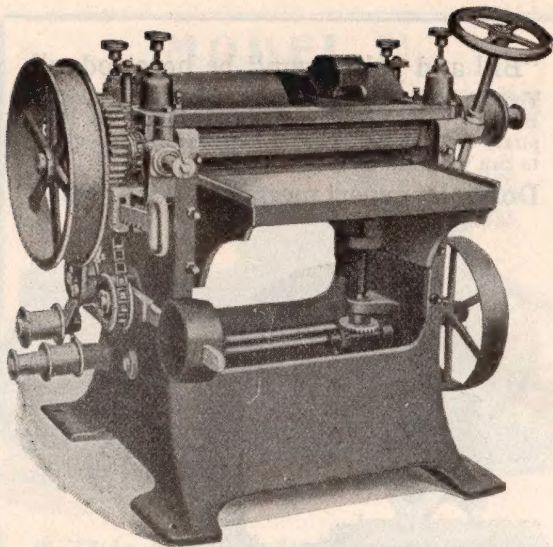
**IT'S**

**"THE HANDIEST TOOL IN THE SHOP"**

Made by

**THE CANTON FDY. & MCH. CO., CANTON, O.**

Be SURE to say you saw our ad in **Guaranteed Machinery List**



**O**UR improved PONY PLANER AND SMOOTHER is heavier and stiffer than most others of its class on the market, has a positive feeding mechanism, quick and convenient adjustments.

FRAME is cast in one piece, has wide floor bearings, and is very rigid.

FEED consists of four feed rolls,  $3\frac{1}{2}$ " diameter, all driven, making a positive feed. Gears are all cut from solid metal.

CYLINDER is solid steel forging, long self-oiling bearings lined with genuine babbit; adjustable pressure bars on both sides of cylinder, close to each other, making it possible to do the finest smoothing.

Made in two sizes, to plane 18" and 24" wide and six inches thick.

16 inch machine weight about 1,600 pounds.

24 inch machine weight about 1,800 pounds.

Write for Prices

**The Hanna-Brackenridge Co.**

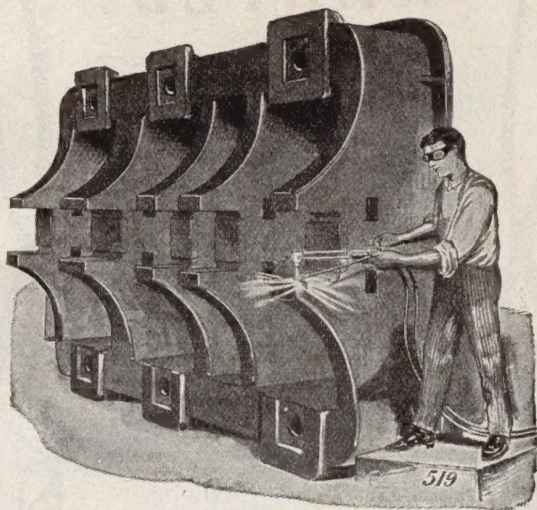
New and  
Rebuilt

Fort Wayne, Ind.

Woodworking  
Machinery



# WELDING



We have installed oxy-acetylene welding plant for welding cast iron, wrought iron, steel, brass, copper, aluminum, etc.

No Rebuilt machine of ours is patched—all breaks are welded.

We are prepared also to take care of outside work in this line.

**THE HANNA - BRACKENRIDGE CO.**  
FORT WAYNE, INDIANA



# WANTED!

---

Your Woodwork-  
ing Machinery  
Requirement  
Put Up To Us

Whatever it is we have a  
proposition for you

Write us fully about what you want  
and what you have for trade.

---

Rebuilt and Guaranteed }  
WOODWORKING  
MACHINERY  
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